Data sheet

HP LaserJet Enterprise 600 Printer M601 series

Fast, high-quality printing and reliable performance.

HP's business pacesetter tackles high-volume printing with legendary reliability. Count on this HP LaserJet to help conserve resources, customize printing policies, and improve security.

HP LaserJet Enterprise 600 Printer M601n

HP LaserJet Enterprise 600 Printer M601dn

Heavy-duty reliability and breakthrough speed.

- Print at rapid speeds on a variety of paper types.
- Manage workflow with intuitive features right on the printer, and get quick prints from a flash drive.
- Produce high print volumes with low maintenance.
- Replace toner cartridges easily, and enjoy quiet, clean performance.

Outstanding energy and paper savings.

- Cut energy use as much as 45%, compared to a majority of competing laser printers.[13]
- Get centralized access to custom energy-saving options and printer settings with the HP EcoSMART Console.[6]
- Trim paper use by up to 50% with automatic two-sided printing.[2]
- Pre-installed Original HP toner cartridges reduce waste. Recycle them for free through HP Planet Partners.[7]

Secure printing with minimal intervention.

- Take control of printing practices and enforce security policies, using HP Access Control.[8]
- Control costs, manage IT resources, and reduce environmental impact.
- Expand your network without compromising security.
- Effectively manage compliance and security issues across your business.

Extend capabilities and print from mobile devices.

- Easily update, manage, and expand the capabilities of networked printers, and do more with your investment.
- Make printing as mobile as you are with HP ePrint.[10]
- Push updates to networked printers immediately and securely.

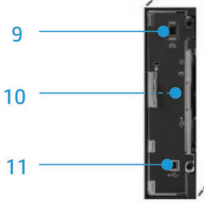
[2]Automatic two-sided printing is only available on the HP LaserJet Enterprise 600 M601dn Printer. The Automatic Two-sided Printing Accessory may be purchased separately for the HP LaserJet Enterprise 600 M601n Printer. [6]May require a firmware upgrade. [7]Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries and territories around the world through the HP Planet Partners program. For more information, or to request return envelopes and bulk collection boxes, visit hp.com/recycle. [8]HP Access Control must be purchased separately. [10]Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. Print times may vary. For a list of supported documents and image types, see hp.com/go/eprintcenter. Some HP LaserJet products will require a firmware upgrade. [13]Energy data used to calculate savings based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method vs. a majority of worldwide top-selling competitive models <$2,299 as of March 2011 using data reported in energystar.gov and eu-energystar.org as of July 2011. Data extended to one year. Actual results may vary.

Product walkaround

1. Intuitive 4-line color display
2. Walkup USB port
3. Built-in automatic two-sided printing
4. Convenient front on/off switch
5. 500-sheet output bin
6. One-door access to install all in one toner cartridges
7. 100-sheet multipurpose tray 1 handles heavy custom media up to 53 lb bond
8. 500-sheet input tray 2 for a 600 sheet total input capacity
9. HP Jetdirect 10/100/1000Base-TX Ethernet embedded print server
10. 512 MB total memory and an 800 MHz processor quickly handle complex print jobs
11. Hi-Speed USB 2.0 port

HP LaserJet Enterprise 600 Printer M601dn

Front view



Close-up of I/O ports

Series at a glance

Model	HP LaserJet Enterprise 600 Printer M601n	HP LaserJet Enterprise 600 Printer M601dn
Part number	CE989A	CE990A
Print speeds	Up to 45 ppm letter	Up to 45 ppm letter
Control panel	4-line color display	4-line color display
Hardware integration pocket	Not available	Not available
100-sheet multipurpose tray 1	Yes	Yes
500-sheet tray 2	Yes	Yes
500-sheet tray 3	Optional	Optional
500-sheet output bin	Yes	Yes
Automatic two-sided printing unit	Optional	Yes
Toner cartridges supported	Regular (~ 10,000 pages)[1]	Regular
HP high performance secure hard disk	Not available	Not available

[1]Declared yield value for black cartridge in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit hp.com/go/learnaboutsupplies

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

Optimized Care (optimum performance and stability):
4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime):
Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Basic Care (minimum recommended support):
Next Business Day Onsite Support

For Care Pack availability visit: hp.com/go/cpc

Top features

Keep your workflow moving with fast output and precision paper handling. High-capacity paper trays, plus options to add more, give capacity of up to 3600 sheets.[3] Manage print jobs from the color control panel and print directly from a flash drive.

Cut energy use as much as 45%, compared to a majority of competing laser printers.[13] Set and adjust printing policies based on a workgroup's real-time usage. Save paper with automatic two-sided printing, and consume less energy.[2]

Lead your business to a more responsible approach to printing and handling sensitive data. HP technology helps you enforce policies, enhance security, and give your workgroup the tools to support larger business initiatives.

Extend your print capabilities to keep pace with your growing business. Get a host of mobile and direct printing options with HP ePrint.[10] Customize new solutions seamlessly, with minimal disruption.

Accessories

CB525A	HP LaserJet P4010/P4510/600 Series Printer Stand
CB527A	HP LaserJet 400-sheet Custom Media Cassette HP
CE398A	LaserJet 1500-sheet Input Tray
CE399A	HP LaserJet 75-sheet Envelope Feeder
CE483A	HP 512 MB 144-pin x32 DDR2 DIMM
CE998A	HP LaserJet 500-sheet Input Tray Feeder
Q6264A	HP Hi-Speed USB Cable (6 ft./1.8 m)
C6520A	HP USB Cable 2.0 (a-b) 3 meter
J8021A	HP Jetdirect ew2500 802.11b/g Wireless Print Server
J8026A	HP Jetdirect 2700w USB Wireless Print Server

Supplies

CE390A	HP 90A Black Original LaserJet Toner Cartridge (~10,000 pages)
CF065A	HP LaserJet CF065A 220V Maintenance Kit

Services

HP LaserJet Enterprise 600 Printer M601 series

HZ466E - HP 3-year Next Business Day + DMR LaserJet M601 HW Support
HZ464E - HP 4-year Next Business Day + DMR LaserJet M601 HW Support
HZ465E - HP 5-year Next Business Day + DMR LaserJet M601 HW Support
HY582E - HP 3-year 4 hour 9x5 LaserJet M601 HW Support
HZ469E - HP 4-year 4 hour 9x5 LaserJet M601 HW Support
HZ470E - HP 5-year 4 hour 9x5 LaserJet M601 HW Support
HZ475PE - HP 1-year Post Warranty 4 hour 9x5 LaserJet M601 Support
HZ477PE - HP 1-year Post Warranty Next Business Day + DMR LaserJet M601 Support

[2]Automatic two-sided printing is only available on the HP LaserJet Enterprise 600 M601dn Printer. The Automatic Two-sided Printing Accessory may be purchased separately for the HP LaserJet Enterprise 600 M601n Printer. [3]The 1 x 1500-sheet high-capacity input tray may be purchased separately for the HP LaserJet Enterprise 600 M601 Printer series. [10]Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. Print times may vary. For a list of supported documents and image types, see hp.com/go/eprintcenter. Some HP LaserJet products will require a firmware upgrade. [13]Energy data used to calculate savings based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method vs. a majority of worldwide top-selling competitive models <$2,299 as of March 2011 using data reported in energystar.gov and eu-energystar.org as of July 2011. Data extended to one year. Actual results may vary.

HP LaserJet Enterprise 600 Printer M601 series

Technical Specifications	HP LaserJet Enterprise 600 Printer M601n(CE989A)	HP LaserJet Enterprise 600 Printer M601dn(CE990A)
AIO functions	Print	
Print speed	**Letter:** Up to 45 ppm black; [1]; **First Page Out Black:** As fast as 8.5 sec; [2]	
Print resolution	**Black (best):** Up to 1200 x 1200 dpi	
Print Technology	Laser; **Print Resolution Technologies:** HP ProRes 1200, HP FastRes 1200, HP REt, 600 dpi, 300 dpi	
Print Cartridges Number	1 (black)	
Standard Print Languages	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.4)	
Printer Smart Software Features	HP ePrint; HP Auto-On/Auto Off Technology; HP EcoSMART Console; HP FutureSmart Firmware; Walk-up USB; 4-line color display control panel; HP Web Jetadmin; HP Universal Print Driver (UPD)	
Printer Management	HP Web Jetadmin; HP SureSupply; HP Utility (Mac)	
Standard Connectivity	1 Hi-Speed USB 2.0; 1 Gigabit Ethernet; 2 External Host USB (1 walk-up and 1 external accessible); 2 internal Host USB 2.0-like ports (for 3rd party connection)	
Network Capabilities	Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard); 802.11b/g/n wireless networking (optional)	
Network Ready	Standard (built-in Gigabit Ethernet)	
Wireless Capability	Optional, enabled with purchase of a hardware accessory	
Mobile Printing Capability	HP ePrint, Apple AirPrint™	
Memory	**Standard:** 512 MB; **Maximum:** 1 GB	
Processor Speed	800 MHz	
Duty Cycle	**Monthly, letter:** Up to 175,000 pages[3]; **Recommended Monthly Page Volume:** 3000 to 12,000[4]	
Paper Handling	**Input Capacities:** 100-sheet multipurpose tray 1, 500-sheet input tray 2; Up to 600 sheets standard labels legal; **Output Capacities:** 500-sheet output bin, 100-sheet rear output bin; Up to 600 sheets (500 in the face down bin, 100 in rear face up door) standard labels legal; **Duplex Options:** Manual (driver support provided); **Envelope Feeder:** Yes, 75; **Standard Paper Trays:** 2; **Media Types Supported:** Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, shelf edge labels, user-defined; **Media Weight Supported:** Multipurpose tray 1: 16 to 53 lb; Tray 2, optional 500-sheet input tray, optional Custom media cassette, optional 1500-sheet High-capacity input tray: 16 to 32 lb; Optional Envelope feeder: 20 to 28 lb; Optional Duplexer: 16 to 32 lb; **Media Sizes Supported:** Multipurpose tray 1: letter, legal, executive, statement, 8.5 x 13 in, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, envelope (commercial No. 9, No. 10, Monarch), US postcard; Tray 2, optional 500-sheet input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet High-capacity input tray: letter, legal; **Media Sizes Custom:** Multipurpose tray 1: 3 x 5 to 8.5 x 14 in; Tray 2, optional 500-sheet input tray: 5.83 x 8.27 to 8.5 x 14 in; Optional Custom media cassette: 4.02 x 5.83 to 6.69 x 11.10 in	**Input Capacities:** 100-sheet multipurpose tray 1, 500-sheet input tray 2, Automatic duplexer for two-sided printing; Up to 600 sheets standard labels legal; **Output Capacities:** 500-sheet output bin, 100-sheet rear output bin; Up to 600 sheets (500 in the face down bin, 100 in rear face up door) standard labels legal; **Duplex Options:** Automatic (standard); **Envelope Feeder:** Yes, 75; **Standard Paper Trays:** 2; **Media Types Supported:** Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, shelf edge labels, user-defined; **Media Weight Supported:** Multipurpose tray 1: 16 to 53 lb; Tray 2, optional 500-sheet input tray, optional Custom media cassette, optional 1500-sheet High-capacity input tray: 16 to 32 lb; Optional Envelope feeder: 20 to 28 lb; Duplexer: 16 to 32 lb; **Media Sizes Supported:** Multipurpose tray 1: letter, legal, executive, statement, 8.5 x 13 in, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, envelope (commercial No. 9, No. 10, Monarch), US postcard; Tray 2, optional 500-sheet input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet High-capacity input tray: letter, legal; **Media Sizes Custom:** Multipurpose tray 1: 3 x 5 to 8.5 x 14 in; Tray 2, optional 500-sheet input tray: 5.83 x 8.27 to 8.5 x 14 in; Optional Custom media cassette: 4.02 x 5.83 to 6.69 x 11.10 in
Product Dimensions	**W x D x H:** 16.3 x 16.9 x 15.7 in; **Maximum:** 16.3 x 30.2 x 15.7 in	**W x D x H:** 16.3 x 20 x 15.7 in; **Maximum:** 16.3 x 30.2 x 15.7 in
Product Weight	52.1 lb	57.8 lb
What's in the box	Printer; Right-angled power cord; Software and documentation on CD-ROM; HP Black LaserJet Toner cartridge (~10,000 pages); Getting Started Guide; Support flyer; HP ePrint flyer; Warranty Guide (where applicable); **M601dn:** plus automatic duplexer for two sided printing	
Warranty Features	One-year, next business day, on-site limited warranty	
Energy Efficiency Compliance		ENERGY STAR® qualified; EPEAT® Silver
Control Panel	2.29 x 5.33 cm 4-line color LCD display, 3 LED lights (Attention, Data, Ready), buttons (Information, Stop/Cancel, Return, Home, Folder, Left Arrow), No numeric keys	
Display Description	4-line LCD (color text and graphics)	
Software Included	Windows Installer, HP PCL 6 discrete driver; Mac Installer, PostScript driver	
Fonts and Typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at hp.com/go/laserjetfonts	
Compatible Operating Systems	Windows 8, Windows 7, Windows Vista, Windows XP (SP2+), Windows Server 2003 (SP1+), Windows Server 2008 (all 32-bit and 64-bit), Windows Server 2008 R2 (64-bit); Mac OS X v10.5, 10.6, 10.7; Citrix and Windows Terminal Services (see System Administrator's Guide at hp.com/go/upd, Documentation tab for latest support); Novell (see novell.com/iprint for latest support); Linux (see hplip.net); UNIX (see hp.com/go/unix, hp.com/go/unixmodelscripts, and hp.com/go/jetdirectunix_software); SAP device types (see hp.com/go/sap/drivers and hp.com/go/sap/print)	
Compatible Network Operating Systems	Windows 8, Windows 7, Windows Vista, Windows XP (SP2+), Windows Server 2003 (SP1+), Windows Server 2008 (all 32-bit and 64-bit), Windows Server 2008 R2 (64-bit); Mac OS X v10.5, 10.6, 10.7; Citrix and Windows Terminal Services (see System Administrator's Guide at hp.com/go/upd, Documentation tab for latest support); Novell (see novell.com/iprint for latest support); Linux (see hplip.net); UNIX (see hp.com/go/unix, hp.com/go/unixmodelscripts, and hp.com/go/jetdirectunix_software); SAP device types (see hp.com/go/sap/drivers and hp.com/go/sap/print)	
Minimum System Requirements	**PC:** Windows 8, Windows 7, Windows Vista, Windows XP (SP2 or higher), Windows Server 2003 (SP1 or higher), Windows Server 2008, Windows Server 2008 R2; 200 MB available hard disk space, operating system compatible hardware system requirements, see microsoft.com; **MAC:** Mac OS X v10.5, 10.6, 10.7; 150 MB available hard disk space; operating system compatible hardware system requirements, see: apple.com	
Power	**Power Supply Type:** Internal (Built-in) power supply; **Power Requirements:** 110-volt input voltage: 100 to 127 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); **Power Consumption:** 790 watts (Printing), 21 watts (Ready), 5.5 watts (Sleep), 1.0 watt (Auto-Off), 0.3 watts (Manual-Off)[5]	
Acoustics	**Acoustic Power Emissions:** 6.9 B(A); **Acoustic Pressure Emissions:** 56 dB(A)[6]	
Operating Environment	**Operating Temperature Range:** 60.5 lb; **Recommended Operating Temperature:** 59 to 89.6ºF; **Storage Temperature Range:** -22 to 140ºF; **Non-Operating Humidity Range:** 10 to 90% RH; **Operating Humidity Range:** 10 to 80% RH; **Recommended Humidity Operating Range:** 10 to 80% RH	**Operating Temperature Range:** 59 to 89.6ºF; **Recommended Operating Temperature:** 59 to 89.6ºF; **Storage Temperature Range:** -22 to 140ºF; **Non-Operating Humidity Range:** 10 to 90% RH; **Operating Humidity Range:** 10 to 80% RH; **Recommended Humidity Operating Range:** 10 to 80% RH
Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in	

[1]Measured using ISO/IEC 24734, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [2]First page out time is measured from Tray 2. Exact speed varies depending on the system configuration, software application, driver and document complexity. [3]Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. [4]HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. [5]Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages; this will damage the printer and void the product warranty. Power consumption in Auto-Off mode depends on customer network switch capability, user configuration and network activity. Off-mode power may vary while checking network packets for print jobs. [6]Measured according to ISO 7779 and declared in accordance with ISO 9296; values are subject to change. For current information, see hp.com/support. Configuration tested: HP LaserJet Enterprise 600 M601dn printing duplex mono on A4 paper.

Learn more at hp.com

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